

<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	ATTY. DOCKET NO. 930120.401USPC	APPLICATION NO. 10/575,063
	APPLICANTS Robert J. Harman et al.	
	FILING DATE February 1, 2007	GROUP ART UNIT 1651

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	4,868,121	09/19/89	Scharp et al.	435	268	
	2	5,079,160	01/07/92	Lacy et al.	435	240.2	
	3	5,197,985	03/30/93	Caplan et al.	623	16	
	4	5,226,914	07/13/93	Caplan et al.	623	16	
	5	5,422,261	06/06/95	Lee et al.	435	219	
	6	5,424,208	06/13/95	Lee et al.	435	268	
	7	5,486,359	01/23/96	Caplan et al.	424	93.7	
	8	5,744,360	04/28/98	Hu et al.	435	366	
	9	5,786,207	07/28/98	Katz et al.	435	267	
	10	5,811,094	09/22/98	Caplan et al.	424	93.7	
	11	5,827,735	10/27/98	Young et al.	435	325	
	12	5,827,740	10/27/98	Pittenger	435	372	
	13	5,830,510	11/03/98	Petitte et al.	424	582	
	14	5,837,539	11/17/98	Caplan et al.	435	332	
	15	5,855,619	01/05/99	Caplan et al.	623	11	
	16	5,906,934	05/25/99	Grande et al.	435	325	
	17	5,908,784	06/01/99	Johnstone et al.	435	372	
	18	6,010,696	01/04/00	Caplan et al.	424	93.7	
	19	6,020,196	02/01/00	Hu et al.	435	366	
	20	6,022,540	02/08/00	Bruder et al.	424	133.1	
	21	6,100,047	08/08/00	Wilkison et al.	435	7.2	
	22	6,153,432	11/28/00	Halvorsen et al.	435	377	
	23	6,214,369	04/10/01	Grande et al.	424	423	
	24	6,242,200	06/05/01	Wilkison et al.	435	7.21	
	25	6,255,112	07/03/01	Thiede et al.	435	440	
	26	6,322,784	11/27/01	Pittenger et al.	424	93.7	

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	27	6,355,239	03/12/02	Bruder et al.	424	93.1	
	28	6,387,367	05/14/02	Davis-Sproul et al.	424	93.1	
	29	6,391,297	05/21/02	Halvorsen	424	93.7	
	30	6,429,013	08/06/02	Halvorsen et al.	435	377	
	31	6,482,231	11/19/02	Abatangelo et al.	623	11.11	
	32	6,492,130	12/10/02	Wilkison et al.	435	14	
	33	6,541,024	04/01/03	Kadiyala et al.	424	426	
	34	6,555,374	04/29/03	Gimble et al.	435	371	
	35	6,569,633	05/27/03	Wilkison et al.	435	7.21	
	36	6,589,728	07/08/03	Csete et al.	435	4	
	37	6,607,498	08/19/03	Eshel	601	2	
	38	6,610,535	08/26/03	Lu et al.	435	325	
	39	6,630,154	10/07/03	Fraker et al.	424	423	
	40	6,709,864	03/23/04	Pittenger et al.	435	372	
	41	6,767,738	07/27/04	Gage et al.	435	325	
	42	6,777,231	08/17/04	Katz et al.	435	325	
	43	6,849,255	02/01/05	Gazit et al.	424	93.21	
	44	7,429,488	09/30/08	Fraser et al.	435	366	
	45	7,470,537	12/30/08	Hedrick et al.	435	325	
	46	2001/0033834	10/25/01	Wilkison et al.	424	93.7	
	47	2002/0005205	01/17/02	Barry et al.	128	898	
	48	2002/0039572	04/04/02	Downs	424	93.21	
	49	2002/0076400	06/20/02	Katz et al.	424	93.21	
	50	2002/0106353	08/08/02	Wood et al	424	93.7	
	51	2002/0115647	08/22/02	Halvorsen et al.	514	171	
	52	2002/0119126	08/29/02	Halvorsen	424	93.7	

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	53	2002/0155096	10/24/02	Chancellor et al.	424	93.7	
	54	2003/0031695	02/13/03	Kadiyala et al.	424	423	
	55	2003/0054331	03/20/03	Fraser et al.	435	2	
	56	2003/0082152	05/01/03	Hedrick et al.	424	93.21	
	57	2003/0118566	06/26/03	Neuman et al.	424	93.21	
	58	2003/0124721	07/03/03	Cheatham et al.	435	366	
	59	2003/0161816	08/28/03	Fraser et al.	424	93.7	
	60	2003/0166278	09/04/03	Gimble et al.	435	377	
	61	2003/0185807	10/02/03	Gazit et al.	424	93.21	
	62	2003/0202966	10/30/03	Prockop et al.	424	93.7	
	63	2003/0203483	10/30/03	Seshi	435	366	
	64	2004/0009157	01/15/04	Gazit et al.	424	93.21	
	65	2004/0018174	01/29/04	Palasis	424	93.7	
	66	2004/0033214	02/19/04	Young et al.	424	93.7	
	67	2004/0037810	02/26/04	Von Heimburg et al.	424	93.7	
	68	2004/0067218	04/08/04	Casteilla et al.	424	93.7	
	69	2004/0067219	04/08/04	Vida	424	93.7	
	70	2004/0092011	05/13/04	Wilkison et al.	435	366	
	71	2004/0096431	05/20/04	Fraser et al.	424	93.7	
	72	2004/0097867	05/20/04	Fraser et al.	604	27	
	73	2004/0106196	06/03/04	Fraser et al.	435	366	
	74	2004/0107453	06/03/04	Furcht et al.	800	18	
	75	2004/0151706	08/05/04	Shakhov et al.	424	93.7	
	76	2004/0152190	08/05/04	Sumita	435	369	
	77	2004/0166097	08/26/04	Prockop et al.	424	93.7	
	78	2005/0008626	01/13/05	Fraser et al.	424	93.21	

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	79	2005/0076396	04/07/05	Katz et al.	800	8	
	80	2005/0260174	11/24/05	Fraser et al.	424	93.7	
	81						

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### FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	1	AU 2009201915	05/14/09	AU		
	2	WO 96/28539	09/19/96	PCT		
	3	WO 98/32450	07/30/98	PCT		
	4	WO 00/53795	09/14/00	PCT		
	5	WO 01/80865	11/01/01	PCT		
	6	WO 03/010243	02/06/03	PCT		
	7	WO 03/022988	03/20/03	PCT		
	8	WO 03/053346	07/03/03	PCT		
	9	WO 03/080801	10/02/03	PCT		
	10	WO 2004/022078	03/18/04	PCT		
	11	WO 2005/035742	04/21/05	PCT		
	12	WO 2010/020005	02/25/10	PCT		
	13					

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**NON-PATENT LITERATURE DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

1	Black et al., "Effect of Adipose-Derived Mesenchymal Stem and Regenerative Cells on Lameness in Dogs with Chronic Osteoarthritis of the Coxofemoral Joints: A Randomized, Double-Blinded, Multicenter, Controlled Trial," <i>Veterinary Therapeutics</i> 8(4):272-284, 2007.
2	Black et al., "Effect of Intraarticular Injection of Autologous Adipose-Derived Mesenchymal Stem and Regenerative Cells on Clinical Signs of Chronic Osteoarthritis of the Elbow Joint in Dogs," <i>Vetrinary Therapeutics</i> 9(3):192-200, 2008.
3	Boquest et al., "Isolation and Transcription Profiling of Purified Uncultured Human Stromal Cells: Alteration of Gene Expression after In Vitro Cell Culture," <i>Molecular Biology of the Cell</i> 16:1131-1141, 2005.
4	Garcia-Olmo et al., "Treatment of enterocutaneous fistula in Crohn's Disease with adipose-derived stem cells: a comparison of protocols with and without cell expansion," <i>Int J Colorectal Dis</i> 24:27-30, 2009.
5	Hamudikuwanda et al., "Adipose tissue progesterone concentrations in dairy cows during late pregnancy and early lactation," <i>Animal Reproduction Science</i> 43:15-23, 1996.
6	Nixon et al., "Effect of adipose-derived nucleated cell fractions on tendon repair in horses with collagenase-induced tendinitis," <i>Am J Vet Res</i> 69(7):928-937, 2008.
7	Office Action issued in European Application No. 04 794 539.9 – 2401, mailed August 10, 2009, 5 pages.
8	Office Action issued in European Application No. 04 794 539.9 – 2401, mailed March 19, 2010, 5 pages.
9	Traktuev et al., "A Population of Multipotent CD34-Positive Adipose Stromal Cells Share Pericyte and Mesenchymal Surface Markers, Reside in a Periendothelial Location, and Stabilize Endothelial Networks," <i>Circ Res.</i> 102:77-85, 2008.
10	Varma et al., "Phenotypical and functional characterization of freshly isolated adipose tissue-derived stem cells," <i>Stem Cells Dev.</i> 16(1):91-104, 2007 (abstract only).
11	Yoshimura et al., "Characterization of freshly isolated and cultured cells derived from the fatty and fluid portions of liposuction aspirates.," <i>J Cell Physiol.</i> 208(1):64-76, 2006 (abstract only).
12	Zhu et al., "The effect of age on osteogenic, adipogenic and proliferative potential of female adipose-derived stem cells," <i>J Tissue Eng Regen Med</i> 3:290-301, 2009.
13	

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